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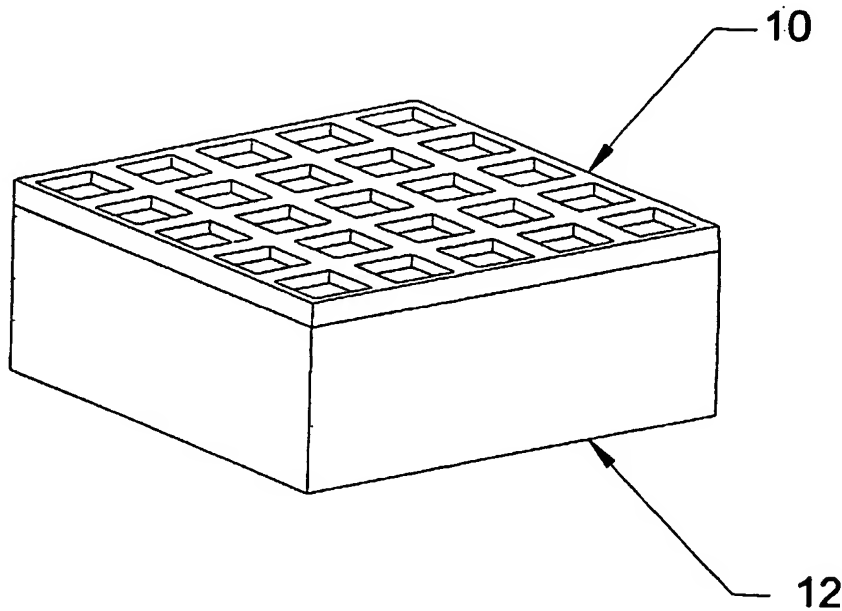
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(54) Title: HIGH SURFACE AREA SUBSTRATES FOR MICROARRAYS AND METHODS TO MAKE SAME



(57) Abstract: The present invention is directed to a substrate having a plurality of microfeatures that provide a high surface area and are open to provide ready access to fluids and components therein. Methods of making the high surface area substrates are described and include generating microfeatures and/or microstructures on the surface of the substrate.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/543, 21/00, 31/00, 15/06; G05B 1/00

US CL : 422/62, 63, 67, 68.1, 81, 105, 112; 436/518

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 422/62, 63, 67, 68.1, 81, 105, 112; 436/518

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PALM, EAST**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,083,763 A (BALCH) 04 July 2000, col. 4, lines 1-58.	1-115
A	US 6,151,973 A (GEYSEN et al.) 28 November 2000, col. 2, line 24-col. 4, line 42.	1-115
A	US 5,922,617 A (WANG et al.) 13 July 1999, Col. 1, line 65-col. 2, line 15.	1-115
A	US 5,252,294 A (KROY et al.) 12 October 1993, col. 1, lines 33-61.	1-115
A	US 5,788,814 A (SUN et al.) 04 August 1998, col. 1, line 28-col. 5, line 22.	1-115
A	US 5,827,748 A (GOLDEN) 27 October 1998, col. 2, line 10-col. 4, line 47.	1-115

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